DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Sika Corporation
201 Polito Avenue
Lyndhurst, New Jersey 07071

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.
This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Sikalastic RoofPro Systems

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of pages 1 through 13.
The submitted documentation was reviewed by Alex Tigera.

10/16/15

MIAMI-DADE COUNTY APPROVED

ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Waterproofing
Material: Polyurethane
Maximum Design Pressure: **-502.5 psf**

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Test Specification	Product Description
Sika Fleece 120, 140 & 170	48’ x 150’ Roll	Proprietary	A non-woven needle-punched polyester fleece which is capable of stretching within the membrane to accommodate a high degree of thermal and structural movement.
Sikalastic 621 TC	5 gal. pails	ASTM D 6083	A single component, moisture triggered; aliphatic polyurethane elastomeric coating. Used as a UV stable top coat which is available in a variety of colors.
Sikalastic 624 WP	5 gal pails,	ASTM C 836	Sikalastic 624 WP is a single component elastomeric polyurethane liquid applied waterproofing membrane
Reemat Premium	51” x 420' Roll	Proprietary	A random woven fiberglass reinforcement scrim which is capable of stretching within the membrane to accommodate a high degree of thermal and structural movement.
Sikalastic DTE Primer	1 gal	Proprietary	Two-component epoxy primer for damp cementitious substrates.
Sika Bonding Primer	1 gal	Proprietary	Two-component water based primer.
Sika Drainage Mat 720	4’ x 50’	Proprietary	Prefabricated polypropylene and woven filter fabric drainage mat.

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS

TABLE 2

Product	Dimensions	Test Specification	Product Description	Manufacturer
Silica Sand	Pre-packaged bags	N/A	Clean, rounded, oven dried quartz sand with a minimum size gradation of 16-30 mesh for vehicular traffic and 20-40 mesh for pedestrian traffic, and a minimum hardness of 6.5 per the Moh's scale. It should be free of metallic or other impurities. The seeding of the aggregate shall be with an even, light broadcast short of or just to refusal. Any loose aggregate must be removed prior to recoating. Back roll aggregate where indicated.	Generic
MAPEI Ceramic Tile Mortar	50 lb. bag	ANSI A118.4	Polymer enriched thin set mortar	Mapei
Versabond Fortified Thin Set Mortar	25 & 50 lb. bag	ANSI A118.4	Polymer modified thin set mortar	Custom Building Products
Laticrete 254 Platinum Mortar	50 lb. bag	ANSI A118.4	Polymer fortified thin set mortar	Laticrete International, Inc.
Tile	Nominal 12" x 12"	ANSI A137.1		Generic
Structural Concrete	2500 psi minimum		Concrete over burden	Generic

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Specification	Date
PRI Construction Materials Technologies	LPI-045-02-01	ASTM D 7311	12/04/12
	LPI-046-02-01	ASTM C 297	10/20/14
	LPI-049-02-01	TAS 114 D	10/06/14
	LPI-049-02-02	TAS 114 D	10/06/14
	LPI-052-02-01	ASTM C 836	12/18/14
	LPI-062-02-01	TAS 114 D	02/18/15
Intertek	101892419MID-001a	ASTM E 108	11/19/14

APPROVED APPLICATIONS:

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi
System Type F(1):	Sikalastic RoofPro System with Tiles
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete **s**hould be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Sikalastic DTE Primer with a flat squeegee or roller at approximately 200 ft^2/gal and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided.Allow Primer to dry tack free. Base Coat must be applied within 72 hours of primer application. Or Apply Sika Bonding Primer with a flat squeegee or roller at approximately 300 ft^2/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow primer to dry tack free. Base coat must be applied within 24 hours of primer application.
Base Coat:	Sikalastic 624 WP should be applied at a min. 45 wet mils (35 ft^2/gal.) using a roller or notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints.
Reinforcement:	Sika Reemat Premium is embedded into the wet base coat. Allow base coat and reinforcement to cure until tack free before top coating. Or Sika Fleece is embedded in a wet on wet application method. Apply the base coat and lay in the Sika Fleece. Apply the top coat of the Sikalastic 624 WP to finish saturation of the Sika Fleece.
Top-Coat	Sikalastic 624 WP Reemat Premium reinforced base coat shall receive a top coat after cure applied at a minimum of 40 mils wet (40 sq.ft./gal.) using a roller or notched squeegee and backroll using a phenolic resin core roller. Or Sikalastic 624 WP Sika Fleece reinforced system shall receive 40 mils wet (40 ft^2/gal) additional resin applied using a phenolic resin core roller to the wet base coat and Sika Fleece to achieve full saturation.

Sand-Coat	Sikalastic 624 WP should be applied at a min. 15 mils wet (100 ft^2/gal) using a roller or notched squeegee and backroll using a phenolic resin core roller. Apply silica sand evenly distributed at the rate of 50lbs/100sq.ft.- into the wet coat. Remove excess sand prior to topping.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required. Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration
Inspection:	Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.
Topping/ Overburden:	Nominal 12” x 12” tiles complying with ANSI A137.1 attached with Laticrete 254 Platinum thin-set mortar applied with 1/4” x 3/8” x 1/4” notched trowel. Or Nominal 12” x 12” tiles complying with ANSI A 37.1 attached with Versabond Fortified Thin-Set Mortar applied with 1/4” x 3/8” x 1/4” notched trowel. Or Nominal 12” x 12” tiles complying with ANSI A137.1 attached with MAPEI Ceramic Tile Mortar applied with 1/4” x 3/8” x 1/4” notched trowel.
Maximum Design Pressure:	-495 psf (See General Limitation #9)

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi
System Type F(2):	Sikalastic RoofPro System, Dual Slab
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete **s**hould be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Sikalastic DTE Primer with a flat squeegee or roller at approximately 200 ft^2/gal and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided.Allow Primer to dry tack free. Base Coat must be applied within 72 hours of primer application. Or Apply Sika Bonding Primer with a flat squeegee or roller at approximately 300 ft^2/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow primer to dry tack free. Base coat must be applied within 24 hours of primer application.
Base Coat:	Sikalastic 624 WP should be applied at a min. 45 wet mils (35 ft^2/gal.) using a roller or notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints.
Reinforcement:	Sika Reemat Premium is embedded into the wet base coat. Allow base coat and reinforcement to cure until tack free before top coating. Or Sika Fleece is embedded in a wet on wet application method. Apply the base coat and lay in the Sika Fleece. Apply the top coat of the Sikalastic 624 WP to finish saturation of the Sika Fleece.
Top-Coat	Sikalastic 624 WP Reemat Premium reinforced base coat shall receive a top coat after cure applied at a minimum of 40 mils wet (40 sq.ft./gal.) using a roller or notched squeegee and backroll using a phenolic resin core roller. Or Sikalastic 624 WP Sika Fleece reinforced system shall receive 40 mils wet (40 ft^2/gal) additional resin applied using a phenolic resin core roller to the wet base coat and Sika Fleece to achieve full saturation.

Sand-Coat	Sikalastic 624 WP should be applied at a min. 15 mils wet (100 ft^2/gal) using a roller or notched squeegee and backroll using a phenolic resin core roller. Apply silica sand evenly distributed at the rate of 50lbs/100sq.ft.- into the wet coat. Remove excess sand prior to topping.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required. Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration.
Inspection:	Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.
Topping/ Overburden:	Structual Concrete Topping, minimum 2500 psi, with a minimum 2” thickness in accordance with applicable building code.
Maximum Design Pressure:	N/A

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi
System Type F(3):	Sikalastic RoofPro System
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Sikalastic DTE Primer with a flat squeegee or a roller at approximately 200 sq. ft. /gal and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided.Allow Primer to dry tack free. Base Coat must be applied within 72 hours of primer application. Or Apply Sika Bonding Primer with a flat squeegee or roller at approximately 300 ft^2/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow primer to dry tack free. Base coat must be applied within 24 hours of primer application.
Base Coat:	Sikalastic 621 TC should be applied at a min. 45 wet mils (35ft^2/gal.) using a roller or notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints.
Reinforcement:	Sika Reemat Premium is embedded into the wet base coat. Allow base coat and reinforcement to cure until tack free before top coating.
Top-Coat	Sikalastic 621 TC should be applied at a min. of 30 mils wet (53 ft^2/gal.) using a roller or notched squeegee and backroll using a phenolic resin core roller.
Non-Skid Coat:	Sikalastic 621 TC should be applied at a min.15 mils wet (100 ft^2/gal) using a roller or notched squeegee and backroll using a phenolic resinn core roller. Apply silica sand evenly distributed broadcast at a rate of 2.75 lbs/100 ft^2 into the wet non skid coat and backroll to embed sand. Allow coating to cure a minimum of 16 hours at 70ºF and 50% RH or until tack free between coats, and a minimum of 72 hours before opening to pederstrian traffic.

Integrity Test: Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.

Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration.

Inspection: Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

Maximum Design Pressure: -502.5 psf (See General Limitation #9)

Deck Type 1	Concrete Decks
Deck Description:	Min. 2500 psi
System Type F(4):	Sikalastic RoofPro System, Planters
Substrate Preparation:	Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. All concrete **s**hould be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by blast cleaning or equivalent mechanical means (CSP 3-4 per ICRI guidelines).
Primer:	Apply Sikalastic DTE Primer with a flat squeegee or roller at approximately 200 ft^2/gal and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided.Allow Primer to dry tack free. Base Coat must be applied within 72 hours of primer application. Or Apply Sika Bonding Primer with a flat squeegee or roller at approximately 300 ft^2/gal. and work well into the substrate to ensure adequate penetration and sealing and puddles are avoided. Allow primer to dry tack free. Base coat must be applied within 24 hours of primer application.
Base Coat:	Sikalastic 624 WP should be applied at a min. 45 wet mils (35 ft^2/gal.) using a roller or notched squeegee or trowel and backroll using a phenolic resin core roller. Extend base coat over entire area including previously detailed cracks and control joints.
Reinforcement:	Sika Reemat Premium is embedded into the wet base coat. Allow base coat and reinforcement to cure until tack free before top coating. Or Sika Fleece is embedded in a wet on wet application method. Apply the base coat and lay in the Sika Fleece. Apply the top coat of the Sikalastic 624 WP to finish saturation of the Sika Fleece.
Top-Coat	Sikalastic 624 WP Reemat Premium reinforced base coat shall receive a top coat after cure applied at a minimum of 40 mils wet (40 sq.ft./gal.) using a roller or notched squeegee and backroll using a phenolic resin core roller. Or Sikalastic 624 WP Sika Fleece reinforced system shall receive 40 mils wet (40 ft^2/gal) additional resin applied using a phenolic resin core roller to the wet base coat and Sika Fleece to achieve full saturation.

Integrity Test: Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water maybe maintained for a period longer than 24 hours if required.

Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration.

Inspection: Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

Drainage Layer: Sika Drainage Mat 720 loose laid over top coat.

Surfacing: Backfill the planter with soil medium.

Maximum Design Pressure: -502.5 psf (See General Limitation #9)

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Required integrity flood testing report shall be provided to the Building Official for review at time of final inspection.
3. All work shall be performed by a Contractor licensed to do roofing/waterproofing and be an applicator trained by Sika Corporation. Sika Corporation shall supply a list of approved applicators to the authority having jurisdiction.
4. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Sika Corporation and shall be submitted to the Building Official for review.
5. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
6. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.
11. Sikalastic shall not be installed over lightweight insulating concrete.
12. All approved products listed herein shall be labeled in compliance with TAS 121 and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below

MIAMI-DADE COUNTY APPROVED

END OF THIS ACCEPTANCE